207

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

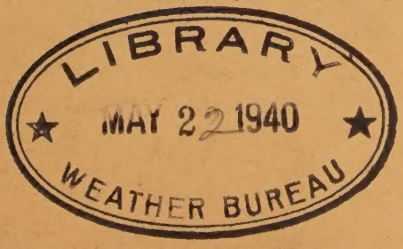
LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY, 1940

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria



FEBRUARY 1940
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	63.6	63.5	64.8	64.0	17.0	10.8	12.6	15.6	11.1	13.1
2	6.6	5.5	6.5	6.4	17.8	11.0	15.0	17.1	11.2	14.4
3	6.9	5.5	5.6	6.0	17.8	12.0	14.7	17.5	11.2	14.5
4	3.7	0.7	0.3	1.5	18.0	11.2	14.7	17.2	11.1	14.3
5	59.0	59.8	2.7	0.5	18.1	12.8	16.5	17.7	11.8	15.3
6	64.8	65.2	67.0	65.7	17.4	11.1	15.4	17.1	12.8	15.1
7	4.4	2.7	2.2	3.1	17.9	10.1	14.4	16.7	14.9	15.5
8	1.4	59.5	59.3	0.1	19.0	11.0	16.5	18.8	14.8	16.7
9	56.0	6.3	6.9	56.4	19.5	13.0	18.0	17.8	15.4	17.1
10	60.6	8.1	8.6	9.1	18.5	12.0	13.9	17.7	14.1	15.2
11	60.0	57.9	58.8	58.9	18.3	12.5	16.1	18.0	13.3	15.8
12	0.5	60.5	60.8	60.6	18.5	12.6	16.3	17.6	14.4	16.1
13	3.4	5.3	4.7	3.8	18.0	10.8	14.9	17.7	15.3	15.9
14	5.1	3.4	2.8	3.8	18.5	11.2	13.3	17.2	14.7	15.1
15	2.6	1.0	0.9	1.5	18.5	11.6	16.4	18.0	14.6	16.5
16	61.5	60.7	60.7	61.0	19.1	12.0	15.8	18.6	16.2	16.8
17	2.2	0.6	0.6	1.1	18.1	14.8	16.4	17.2	15.8	16.4
18	0.4	0.6	0.6	0.5	17.5	11.1	15.6	16.9	15.6	16.2
19	58.9	55.6	55.9	56.8	19.5	12.0	17.2	18.7	15.0	16.9
20	6.7	6.3	56.3	6.4	19.0	10.0	12.8	15.2	14.4	14.1
21	56.4	56.2	58.4	57.0	15.6	9.7	12.8	14.5	12.3	13.2
22	7.1	5.3	5.5	6.0	19.8	8.7	15.2	16.7	13.9	15.3
23	7.8	7.7	7.9	7.8	15.6	8.5	13.5	14.3	12.8	13.5
24	8.1	8.1	8.1	8.1	17.0	8.5	13.0	14.1	12.2	13.1
25	9.7	9.8	60.7	60.1	17.0	9.7	14.3	16.3	12.7	14.4
26	62.6	63.4	63.9	63.3	18.0	11.0	15.2	17.7	14.4	15.8
27	4.0	3.6	3.6	3.7	18.3	12.0	17.2	18.3	14.1	16.7
28	2.4	1.2	1.1	1.8	18.0	12.5	15.2	17.7	15.9	16.3
29	1.8	1.5	2.2	1.8	18.5	10.5	15.2	17.4	13.3	15.3
	761.32	760.54	760.94	760.92	18.06	11.20	15.11	17.08	13.77	15.33

Barometer, range for month 755.3 mm.–767.0 mm.
,, 62-yr. average for month 762.10 mm.
Thermometer, range for month 8.5° C.—19 8° C.
,, 62-yr. average for month 13.72° C.
Rain, total for month 146.56 mm.
,, , 62-yr. average for month 161.29 mm.
,, , total, from Sept. 1st 791.10 mm.
62-yr. average, total from Sept. 1st 695.52 mm.

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METEOROLOGICAL REGISTER

Date	Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Wind per day	Rain mm.
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		Kms.	
1	9.1	10.4	8.5	9.3	84	80	86	83	2.0	454.0	11.4
2	9.8	10.5	8.5	9.6	77	72	85	78	8.5	292.9	1.3
3	9.8	11.1	8.5	9.8	70	75	86	77	8.6	211.6	
4	9.3	11.3	8.5	9.7	74	78	87	80	5.8	206.0	
5	7.9	9.6	8.8	8.8	57	64	85	69	4.3	246.4	0.5
6	9.8	10.4	9.0	9.7	75	72	82	76	9.8	98.0	9.9
7	9.3	10.4	9.0	9.6	76	74	72	74	6.6	155.5	
8	10.0	11.4	10.0	10.5	70	71	79	73	9.5	59.0	
9	11.1	11.2	11.9	11.4	72	74	97	81	6.6	233.0	
10	10.7	10.6	8.9	10.1	91	70	72	78	6.6	386.4	4.1
11	11.4	11.6	9.5	10.8	84	75	83	81	8.3	543.6	14.0
12	11.1	10.8	11.7	11.2	81	72	95	83	1.1	226.5	8.4
13	8.4	10.6	11.3	10.1	66	70	90	75	6.6	140.0	8.1
14	8.9	9.3	9.8	9.3	77	65	79	74	8.8	167.0	
15	9.7	11.4	10.2	10.4	70	74	81	75	8.9	78.6	
16	8.3	10.3	11.4	10.0	62	66	81	70	9.8	220.0	
17	10.0	10.2	11.8	10.7	72	70	90	77	0.0	554.0	3.8
18	9.6	9.0	10.8	9.8	73	64	81	73	0.2	390.0	3.3
19	8.2	10.4	11.9	10.2	57	48	95	67	0.0	350.0	
20	10.0	9.5	9.4	9.6	91	74	77	81	0.0	310.8	11.7
21	8.1	8.9	9.4	8.8	74	72	88	78	0.8	340.0	20.8
22	8.2	9.3	9.8	9.1	65	66	83	71	0.0	540.0	24.4
23	6.8	7.5	7.1	7.1	59	61	65	62	3.4	410.0	9.6
24	9.1	8.7	9.1	8.9	82	72	86	80	0.2	380.0	9.6
25	8.4	9.4	8.8	8.9	68	69	80	72	8.2	324.6	1.0
26	11.2	9.4	9.9	10.2	88	62	81	77	10.0	218.8	4.6
27	9.8	10.5	9.3	9.9	88	67	77	77	10.0	210.8	
28	9.2	10.7	8.8	9.6	72	70	66	69	6.0	134.0	
29	9.6	8.2	9.9	9.2	76	55	87	73	10.0	280.0	
	9.41	10.09	9.71	9.72	74.2	69.0	82.6	75.3	5.58	280.95	5.05

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
62-year averages are for period, 1875-1936

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METEOROLOGICAL REGISTER

	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10ni	8cust	10ni	9.3	2s	4s	4s	slight	
2	1ci	8stci	2ci	3.7	2se	3n	3w	„	
3	0	1ci	1ci	0.7	3s	3sw	2sw	„	
4	10ci	9ci	10ni	9.7	2se	3n	2n	calm	
5	10cu	5stci	5st	6.7	3s	2sw	2sw	slight	
6	0	2cu	0	0.7	1s	2nw	2nw	slight	
7	9cu	0	0	3.0	1e	2n	2n	„	
8	0	0	0	0.0	0	2nw	1w	„	
9	9cu	10cu	10ni	9.7	0	2sw	3n	„	
10	8cu	7cu	8cu	6.0	3e	2se	3se	mod.	
11	3cu	2cu	2cu	2.3	5sw	6s	3s	rough	
12	10cu	10cu	10cu	10.0	3sw	3sw	2sw	„	
13	10ni	5ci	3cu	6.0	2se	1se	1se	mod.	
14	3ci	3st	0	2.0	1se	3n	0	slight	
15	0	8ci	8ci	5.3	2s	0	0	calm	
16	0	10ci	0	3.3	1se	2sw	2s	calm	
17	10cu	10cu	10ni	10.0	2sw	3s	4s	slight	
18	10cu	10cu	10ni	10.0	3sw	3sw	2sw	rough	
19	10cu	10cu	10cu	10.0	2sw	2s	3sw	mod.	
20	10ni	10ni	10ni	10.0	2s	2sw	2sw	rough	
21	10ni	9cu	10ni	9.7	3s	2s	2s	rough	
22	10ni	10cu	10ni	10.0	3s	5s	3s	„	
23	10cu	6cu	6cu	7.3	4s	3s	3s	„	
24	10ni	10ni	10ni	10.0	4s	2s	2s	mod.	
25	3ci	1cu	0	3.3	2w	3w	2w	slight	
26	2cu	3cu	3cu	3.7	2e	2nw	2nw	mod.	
27	0	2cu	1cu	1.0	1s	2nw	2nw	slight	
28	3ci	6ci	0	3.0	1e	0	1n	mod.	
29	0	0	0	0.0	3sw	2sw	2sw	slight	
				5.39					

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	0	4	5	11	6	1	0	2	29
14:30	4	0	0	2	8	8	1	4	2	29
20:30	4	0	0	2	8	7	3	3	2	29
Totals	8	0	4	9	27	21	5	7	6	87

Number of days with rain 17, fog 0, thunderstorms 0, gale 0.

50-yr. average number of days with rain during month 14.0